

OCTOBER						
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

McGill Daily

Engineering
Issue

Vol. XXXIX., No. 17

Montreal, Monday, October 24, 1949

PRICE TWO CENTS

Engineering Week Is Noted Here

Aims of EIC Explained By Members

This week of Oct. 24 to 30 is set aside at McGill to emphasize the Engineering profession. It is known as Engineering Institute of Canada week.

During the week booths will be set up in the Engineering Building by E.I.C. members to answer questions and distribute information about the E.I.C.

History of E.I.C.
The first movement towards the formation of an engineering society in Canada was started before Confederation by Sandford Fleming, who endeavored to interest members of the profession in the advantages of such an association. The regulation of professional activities as well as dissemination of professional knowledge was desired by the men who sponsored these early efforts.

A provisional committee was set up in 1886. At its meeting on Dec. 9 of that year it was decided to call the proposed society the Canadian Society of Civil Engineers, and to send out a circular regarding membership, together with a copy of the constitution proposed for this body. The Society was formed and a charter of incorporation was applied for. The charter received Royal sanction on Jan. 3, 1887.

The objects of the Society, as set forth in its Act of Incorporation, were "to facilitate the acquisition and interchange of professional knowledge among its members, and more particularly to promote the acquisition of that species of knowledge which has special reference to the profession of civil engineering." The Society was also given power to make regulations and by-laws "including all rules that may be deemed necessary for the maintenance of the honor or dignity of the profession." These aims, as defined and expanded in the by-laws, have remained unchanged to the present day.

The by-laws of the Society make it clear that the term "civil" engineering, used in the Act, had reference to all types of engineering activity other than military.

During the next thirty years of the Society, Canada's industrial development and the accompanying tendency towards greater specialization made it evident that some changes in organization were (Continued on Page 4.)

Laboratory Excavation Nearing Completion

Halifax—(CUP)—Excavation for the foundation of the new National Research Council Regional Laboratory is nearing completion on Oxford street, opposite the Halifax Ladies College.

Of special interest to Dalhousie University is the fact that the research centre will be open to part-time researchers who are continuing their studies at Dalhousie.

The main structure of the laboratory will be 180 by 55 feet and there will be a wing containing a large boiler room. The building will be two stories high constructed of steel framing, brick, and finished stone facing. A spacious parking area will be conveniently located behind the main building.

Of the very latest design the laboratory will contain the most modern fixtures. The laboratories themselves will be completely equipped with the latest scientific equipment necessary for modern research work.

16 Required For the Cast Of New Play

Students of dramatic production courses in particular, as well as students of other faculties, who are interested in trying out for parts in the English Department's forthcoming production of Luigi Pirandello's "As You Desire Me," are invited to attend a reading of the play at 7 p.m. tomorrow evening in Moyse Hall by Elmer Hall, an announcement said yesterday.

Mr. Hall, who is in charge of dramatic production for the English Department, said that preference naturally will be given to students in dramatic production courses but that the department will be pleased to hold casting tryouts for other students who may be interested in obtaining parts in the play.

Nine men and seven women are required in casting this production which is scheduled for presentation in mid-December.

Dates of the casting tryouts will be announced in the near future. "This is a mystery play," Mr. Hall said, adding that "Variety" had probably reviewed it more concisely as "an intellectual who done it."



GEORGE VALOIS, McGill's hard running right half was the despair of the Queen's team in last Saturday's game. Valois, a powerful 195-pounder, went for two touchdowns against the Gaels, going 83 yards for one of them—the most sensational run by a McGill man since Murray Hayes ran a kick-off back well over a 100 yards for a touchdown in the first intercollegiate game of the 1946-47 season. Queen's was also the victim that time.

McGill Redmen Defeat Queens 17-1 Varsity Succumbs to Western 11-8

Western Wins; Edge Varsity; Parry Pays-off

Up in London the Metras men made it three straight as they edged out Varsity Blues in a thrilling contest that kept the fans glued in their seats right to the final whistle. Fighting off the desperate last year champions; Western's brilliant Jack Perry, the wonder sprint man produced another series of tremendous plays. He had a busy day even for the London's teams high scoring back field, managing to amass a total of six of his team's 11 points.

Parry got one of the touches and the convert, as well as playing a remarkable game on the defensive end. Without taking anything away from the big purple and white team it would seem that Parry has been more than a large factor in the last two Mustang games, both of which they have won by close margins.

The Varsity team seemed completely out played and went into the second half trailing on an 11-0 score. At this point, the Toronto squad came to life, grabbing off a fumbled kick which they managed to push across the line for a major late in the third quarter. Then they added two singles in the early fourth to make the score 11-8.

The Blues then tried a number of desperation passes late in the game which came close to paying off. This third win in the row puts the Metrasmen well out in front in the Senior College Loop, and the loss suffered by Varsity gives the Obeckmen an undisputed hold on the number two spot.

Next week's tussle between Western and Toronto will be played in the Blues home ground and will be crucial for the Varsity gridders as they will be out to draw up to the McGill team that can go right (Continued on Page 4.)

Campus Photo Spotlight Shows Freshman Antics

Did you see the beautiful Miss David Floyer kissing an ex-Dawson type during the last Freshman Dance in the Currie Gym, or were you there when Cynthia Plante was watching the Freshman smoker from the concealment of the Ballroom gallery? Probably the answer to both questions is "no." But its still not too late. For these events, like almost everything else on the campus, have been covered by the Daily photographers and the Martlet group and their photos are now on display in the foyer of the Union.

This new feature, the Campus Photo Spotlight, has been made possible through the joint efforts of the Daily and of Jack Crepeau, the President of the Union. The photos of each event are to remain on display for a week after which they will be replaced by more recent events. A similar display is

also planned for Dawson College, where the photos will be hung in the Billiard Room.

The opening display at McGill consists of photos of the freshman picnic at Macdonald College, the Freshman Smoker, two of the dances held in the gymnasium and the McGill cheerleaders in action. The pep rally before the Toronto game is also featured.

At Dawson, the Barn Dance and the mock trial including the Dawson raid are being shown this week, and these two events will be moved to the McGill Spotlight next week.

In response to requests for copies of many of the photos that have been taken, arrangements have been made with the photographers to supply prints to anyone who wants them, and lists have been posted with the photos on which orders may be placed.

George Valois' Run Highlights Sluggish Game

By CY LEWIS
Twas na a braw bricht dee for the tarnished Gaels frae Kingston. The pipes skirle dand the bonnie lassies dand, but to no avail. Those fighting Redmen from McGill took advantage of several Queen's misplays to pile up seventeen points to the Gaels' one.

It was not a well played game on McGill's part. In fact many observers thought it to be the worst showing by the Red and White this season. Yet the Obeck tribe won. This might be called the biggest break the Redmen had all afternoon. For a team to get a bad game out of its system is not uncommon, but for it to do so and win is nothing short of miraculous.

The big Golden front wall played some wonderful ball but the backfield missed the presence of their ace quarterback Al Lenard. The veteran signal caller was forced to the sidelines with a torn rib muscle sustained the previous week against Western.

The Presbyterians tried to get some semblance of an aerial attack going, but the somewhat aqueous conditions plus the vastly improved McGill pass defence put the squeal to this attempt. Frank Tyndall's charges threw eighteen passes and completed only five.

The most surprising feature of the day was the number of interceptions by the Red and White. Our boys collared six of the Queen's passes, one more than the total completed by the Gaels themselves. This fact gave Coach Obeck no little joy, for McGill's pass defence has never been good up to now. The mentor's method's and unceasing toil over this vital item are finally paying off.

VALOIS' RUN
The highlight of the game was George Valois' eighty-two yard run, early in the third quarter. With second and ten inside the McGill forty, Dave Bryane, who was doing a nice job in the Gaels' backfield, elected to throw a forward, Carl Totzke, the Dawson Dynamo, intercepted and brought the ball to his own twenty-eight yard line. With first and ten in his own twenty-eight Irving decided to send big George off tackle. Valois, took off for the left tackle slot. There didn't appear to be much of a hole but he bulled his way through, out to the right through a maze of opposition, jumped over one prostrate (Continued on Page 4.)

New Publicity Policy Announced by 'Daily'

Effective today all advance copy for The Daily must be in The Daily's mailbox by the Central Ticket Wicket in the Union before one o'clock the day before publication.

A "Coming Events" column will replace the "Around the Campus" column and all items for the new column must be put on a form obtainable at the Tuck Shop. This, as well as all other advance material, must be in before 1 p.m.

As less than half the campus publicity agents attended the two Daily meetings held to explain procedure for submitting publicity material. The Daily managing board will invite all club presidents to attend a meeting to be announced soon. A large number of publicity agents are turning in material long after the published deadlines, making it impossible for The Daily to give their clubs adequate coverage.

Most of this material is written in illegible handwriting. All submitted material must be typed double spaced and the name and phone number of the contributor as well as the name and phone number of the club president must be placed at the bottom of the copy.

Although The Daily has called for names and phone numbers of club executives only half a dozen clubs have responded. This information should be left at the Tuck Shop.

Regulations Announced by Date Group

All clubs must conform to the regulations given below. Boris Gardavsky, Chairman of the Dates Committee announced. This is in order to facilitate the organization of the remaining dates for the college year.

1. All Clubs and Societies should: Submit all requests for dates in writing to the Dates Committee at the McGill Union on the proper forms which may be obtained at the S.E.C. office at the Union, and filled out in full.
2. Submit the request by Monday noon at the beginning of the week to the Tuck Shop if it is to be considered that week.
3. Make themselves aware of the regulations concerning the hiring of the gym before a request is submitted for an event which is to take place in the Currie Gymnasium. These regulations may be found in the S.E.C. office in the Union during the day.
4. Submit their request for a date as far ahead as possible so that they may be assured of receiving the date.

(A revised list of dates will appear in a later issue of the McGill Daily.)
Other members of the Dates committee are: Jack Crepeau, Colin MacCallum, Kayo Little, and Bob Munro.

Tickets For Queen's Trip Now Available

"Five-hundred tickets for Queen's excursion will go on sale Monday," John MacKay, president of the Red and White Society, and Mark Hall, newly elected president of the First Year Club, announced jointly.
Stadium tickets will be on sale in the union from 12 to 2 each day and will sell at the cost of \$1.50. (Continued on Page 4.)

Speakers Are Listed For Chapel Services

Speakers for this week's morning chapel services at the Divinity Hall Chapel, 3520 University street, have been listed by the faculty of divinity.

They are: Tuesday, Prof. R. H. L. Slater; Wednesday, Prof. R. B. Y. Scott; Thursday, Prof. W. C. Smith; Friday, Rev. Clifford Knowles, the University Chaplain; Saturday, Prof. H. H. Walsh.

The services, to which the faculty of divinity has welcomed all students, are held from 9.40 to 9.55 a.m.

Broadcast to Highlight UN Fourth Anniversary

Highlighted locally by a round-table radio broadcast tonight in which Dr. James S. Thomson, dean of the faculty of divinity, will take part, United Nations Day is being celebrated today.

Marking the fourth anniversary of the day that U.N. came into being, Montreal area celebrations include assemblies and motion pictures in schools, department store window displays, and short talks at service club meetings. The feature event will be tonight's broadcast from station CFCF at 10 p.m. in which Dr. Thomson will be joined by Father J. Charles Beaudoin and Rabbi Solomon Frank, of the Spanish and Portuguese Synagogue.

"United Nations Day is an opportunity to spread a knowledge of the United Nations and its work in furthering international co-operation, particularly in the social, legal and economic spheres," K. R. Swinton, president of the Montreal Division of the U.N. Association in Canada, said in announcing the local plans.

Termed "the chief force that holds the world together against all the conflicting strains and stresses that are pulling it apart" by Secretary-General Trygve Lie, U.N. has published a pamphlet urging more interest in its work "because four years have proved that, whatever the difficulties may be, there is no other way in the long run of preventing a third world war."

The pamphlet says U.N. is accomplishing this aim "by acting more and more as a conciliating and moderating force which brings peaceful settlements of conflicts among Member nations, by serving as a meeting place in which the great and small nations can freely



DR. J. S. THOMSON, dean of the faculty of divinity, who will take part in a round-table broadcast over Station CFCF at 10 p.m. tonight celebrating United Nations Day.

voice their views and submit their policies to the judgment of world opinion, and by bringing nations together in co-operative efforts against economic and social evils which make for war and block the road to higher living standards."

Hydraulic Lab at Varsity To Aid Power Engineers

Toronto — (CUP) — In the Mechanical Building of the University of Toronto is one of the finest hydraulic labs in the world.

In the basement lab are four dams, exact replicas of projects soon to be commenced. Outstanding is a model of a new \$1,000,000 hydro development.

These model dams are made of plywood, cement, ingenuity, and sweat. After a complete survey of a proposed site has been made, and topographical plans have been laid out, the construction of the model begins. Plywood "ribs" are cut to the shape of the river bed and surrounding shores. The model is then completed with the use of cement. The dam is built and then test runs are made. Water is pumped through and detailed readings made of the flow, direction of flow after leaving the dam, and the force of flow. With this information, the engineers can adjust their design if necessary.

Location Important

Another important aspect of this work is the choice of a position for the log chute. Thousands of dollars are saved by making a preliminary model and then experimenting with the water flow in order to find the best location for the chute.

In addition to the dams, there is a long channel, about seventy feet by five feet, which is going to be used for experiments on water towing. There is a track built along the side of the channel along which a "low-car" will run when the model has been completed.

Constant Water Flow

This channel, as well as the four dams, is fed by large water pipes

which run under the floor all around the lab. All the pipes lead to a large head which rises eight feet above the floor. All the water is pumped through this. Inside, at the top, are a number of overflow sluices. The object of this is to maintain a constant pressure and hence a constant rate of flow in all the water system. When all the models are in operation, the water just flows out. If one or more models turn off their water flow, the water which would normally flow to them overflows. Thus a constant flow is maintained. This is very important since a fluctuation in the rate of flow would make all the experimental readings useless.

Besides testing designs and veridams serve another purpose in testing new ideas. One of the models now in operation is testing a new type of water gate which automatically limits the water flow by adjusting itself in accordance with the pressure on it. There are still a few difficulties to be ironed out but it is expected that this gate will soon be operating properly.

Only A Part

All the work done in this lab is only a small part of the whole scheme of things. After the plans have been completed, the engineers have to build the dams and then the hydro has to set up a cross-country network of transmission lines. One project alone may take three or four years from the time the preliminary survey is made for the model to the time when the wires are all up. Then, with one finger you flick the switch and the light goes on.

Physicists Investigate Radar Theories in Atom Research

London, Ont. — (CUP) — Two University of Western Ontario physicists hope to assist cancer treatment and research by applying radar theories to the study of the nucleus of the atom.

Western's first investigation of the atom-smashing field of nuclear physics is being undertaken by Dr. R. C. Dearn, professor of research, and Dr. Eric Brannen, new assistant professor of physics.

Exploration of this wide field at Western has been limited to an elementary course for fourth-year students. As equipment for the project is extremely expensive, the physicists have started to build their own, which will be similar to radar transmitters used during the war.

Expensive Work
The big expense in studies of the nucleus of the atom is in obtaining high-energy particles in the form of neutrons, protons or electrons. Usually, cyclotrons, huge cylindrical devices worth thousands of dollars, are used to transfer the necessary tremendous energy to neutrons in breaking down the atom. By energizing electrons, of smaller mass, the cost and power of the transferring equipment is reduced.

Neutrons cannot be energized because of their neutral electric charge. The apparatus will consist of a "corrugated wave guide" built by Dr. Dearn and a "cavity resonator" constructed by Dr. Brannen.

Cancer Research

According to Dr. Dearn, the physics department's sources of high energy electrons may be used for

production of high energy X-rays to aid in cancer research. The equipment the men are planning to build is much cheaper than other methods of producing high energy X-rays.

In the new venture Dr. Dearn plans to send an electron stream into one end of the corrugated wave guide, which resembles a long, conical pipe with undulations on the inside. A signal from the radar apparatus will also be forced in the same end. The wave guide will transfer energy from the radar wave to the electron stream so that electrons caught at the other end of the guide will have the necessary high energy.

Dr. Brannen's cavity resonator produces the high energy electron when a radar signal is fed into a metal box which is electrically resonant at the signal frequency. The signal causes a high potential between two opposite walls of the box, energizing the electron.

Lengthy Project

Dr. Dearn said that his and Dr. Brannen's work is preliminary and will take a long time to complete. "We have to work out the mathematics first," he said. "If by this time next year we are ready to pour power into the wave guide, it will have been a profitable year." Even when the research is completed, he said, a large amount of money will be required for radar-like equipment to pour power into the wave guide. Minimum equipment needed will be one magnetron, costing from \$600 to \$2,000. (Continued on Page 4.)

SCM to Offer Slate of Six Study Groups

Outline plans for six study groups to be held during this season have been announced by the Student Christian Movement.

Meeting times for the groups will be set when it is known how many students intend to take part, the announcement said. The subjects offered are: The Basic Tenets of the Faith, Christians and Politics, International Affairs, Bible Study, The Student Problem, and The University.

Slated to lead the last three of these groups are Rev. Jack Bishop, secretary of the McGill S.C.M., Dr. Bill Powles, and Bruce Match. Others are to be conducted by professors, including at least one from the faculty of divinity, and local ministers.

The groups, resignation for which is now open, will be held at the new S.C.M. House, 3625 Oxenden Ave. The S.C.M. moved from their former University street home during the summer.

Among other S.C.M. activities noted by the announcement are worship services which are held on Tuesdays at 1:30 p.m. and Thursdays at 4:00 p.m.

McGill Daily

Eastern Regional Headquarters, Canadian University Press

Published every week-day during the college year by the Undergraduates of McGill University at 600 Sherbrooke St. W. Telephone: LANCaster 2244. (Authorized as second class mail, Post Office of Canada)

Opinions expressed below are those of the Managing Board of The McGill Daily and not the official opinions of the Students' Society.

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Guest Editorial

STEPPING STONE

Believing that membership in the Engineering Institute of Canada is one of the most important extracurricular activities for the engineering undergraduate, we desire to promote fuller understanding and appreciation of the E. I. C. and to indicate during this campaign the benefits which may be derived by joining this organization. Information relating to the objectives of the E. I. C. are printed elsewhere on these pages.

The goal of the student engineer is to graduate and in time attain full professional status commensurate with his abilities. Association with a Canada-wide organization will be of very definite value in the future and there is no better time than now to begin developing the professional attitude.

In the ultimate, any organization is made up of its members, their thoughts, actions and feelings. Our firm conviction is that student mem-

bership in the E. I. C. is an important stepping-stone to a deeper and more satisfactory professional life. In today's changing social structure, the engineer is taking a more positive attitude and the managerial responsibilities are coming more and more into his hands. To accept this challenge of increased responsibility, the engineer must seek outside the classroom for fuller expression of his personality than that which technical knowledge and ability can give him.

Enquire about and investigate for yourselves what the E. I. C. has to offer you but what is more important—do a little soul-searching and discover what you can offer the E. I. C. You are its future members and driving force.

CLAUDE E. HOWARD,
President,
Engineering Undergrad Society

A MAJOR BENEFIT

The President of the Engineering Institute of Canada, John E. Armstrong, of Montreal, gives us a pleasant variation from the usual when he says that a higher percentage of young Canadian engineers are now staying in Canada to pursue their professional careers.

We have so long been accustomed to hear the same old melancholy story, of artists and professional men crossing the border to a land where opportunity or support seems greater than at home, that it is exhilarating to hear about some of them remaining in Canada.

The Engineering Institute may take some credit for the encouraging trend. It has been following a vigorous policy of encouraging the employment of Canadian engineers, when available, instead of imported engineers.

That, of course, is sound. There is no reason why Canadian engineers should not have the ability. Indeed, the Canadian engineer has demonstrated his ability in many projects. It is in the national interest, then, to develop this profession at home, rather than to train engineers for work in foreign fields.

Mr. Armstrong, quite rightly, views the tendency for a higher percentage of young engineers to remain in this country as "a major benefit to

the engineer himself, to his Canadian employer, and to Canada."

It must be obvious that this country can only develop as it should if its professional men and artists are encouraged to remain here, to take their place in progressive development possible through their skill and training.

All too often, Canada has lost useful men because their fellow-Canadians failed to appreciate them, permitted them to move elsewhere because the appreciation lacking at home seemed more evident abroad.

We cannot compete with the United States, of course, in terms of money. But money is not always the chief factor. Interest and opportunity and understanding count for much. Our willingness to give the gifted man the tools with which to work may tip the balance.

On the other hand, indifference encourages eager and gifted men to leave this country and find a more congenial atmosphere in which to carry out their work.

The Engineering Institute is doing a useful thing in its efforts to encourage interest in and employment of Canadian engineers. It is a policy which might well be emulated by other groups from coast to coast.

—The Halifax Chronicle-Herald



Technical Proficiency Is Not Enough Today

James R. Killian, 10th president of Massachusetts Institute of Technology, said in his inaugural address:

"In the second half of the 20th century, the need for the 'large general cultivation' of which Rogers spoke will have a commanding urgency. No college in a world of turmoil can shirk the responsibility of preparing a man to be a citizen as well as to make a living. As we stand at the mid-century point, the responsibilities of the professional men, especially the scientists and engineers, have a new and awe-some measure."

He was referring to the specification of William Barton Rogers, founder of M.I.T., that the school should be "one founded on a thorough knowledge of scientific laws and principles and which unites with habits of close observation and exact reasoning, a large general cultivation." Dr. Killian's is only one of many testimonials which are turning up with increasing frequency in the speeches and writings of top-flight engineers and engineer executives to emphasize the truth of the statement which heads this feature.

The engineering course is a hard one and it is probably the most intensive on the campus. There are not many spare lecture periods, there are endless reports and problems to be done, and it takes a good man to find much time for extra-curricular activities. It is surprising then that engineers graduate with an impression that they have only scratched the surface technically and that the most pressing task is to acquire more technical knowledge and experience as quickly as possible.

Most engineers, like other aggressive men, expect to arrive eventually at senior positions. In the beginning, after graduation, they seek engineering work and, of course, most concentrate on being good technical men. As they progress, however, toward the goals they have set for themselves, it is likely that their technical responsibilities will decline and their executive abilities will be drawn upon to a greater extent.

At McGill there is ample opportunity for an engineer to maintain a desirable balance between academic and extra-curricular activities. The former must come first if the student is to graduate, but the latter are of far greater importance than may seem evident to the average student. Five years after graduation will be woefully late for the realization that personal development is as important as technical development!

This week is EIC week for McGill Engineers. Every opportunity will be given for appraisal of the opportunities which the Engineering Institute of Canada offers to student engineers, but even more to graduate engineers seeking activities to take the place of the extra-curricular activities of the campus. The Institute is unique among the professional societies of the world in that its membership includes engineers in all branches of the profession—nearly 12,000 of them. It is a technical society but, even more important, it draws on the advantages of an all-embracing professional membership to provide opportunities for personal development much greater than can be expected from societies which comprise only engineers in narrow specialized fields.

The Institute is the Canadian professional organization of engineers, and Canadian engineering students will do well to appraise carefully the opportunities it offers.

The library holds some 14,000 volumes and has access to other important technical libraries through co-operative agreements. The librarian and her staff will (Continued on Page 4.)

A LOOK AHEAD

Let us risk a look into the next 50 years, which our present student engineers are to share in shaping. The climax of man's effort to subdue nature, to shift labor from muscles to machines, to make material abundance available to all, and to extend a high civilization into the backward areas of the world may well fall within their lifetime. After that, perhaps human interest may shift from work to leisure, from production to enjoyment, from economic progress to culture and from industry to art. Who knows? In the meantime, however, it seems inevitable that industry will be extended on worldwide lines, production will grow more scientific, research will expand, and engineers will multiply accordingly.

Engineers will find their way into every field where science needs to be practically applied, cost counted, returns predicted, and work organized systematically. They will be called upon to share the control of disease with physicians, the control of finance with bankers, the bearing of risks with underwriters, the organizing of distribution with merchants and purchasing agents, the supplying of food with packers and purveyors, the raising of food with farmers, and the operation of the home with housewives. In few of these new fields, if any, will engineers be self-sufficient; to be useful they must be teamworkers; and they must be prepared to deal with "men and their ways," no less than "things and their forces."

The engineering profession, it seems equally evident, will bear much heavier responsibilities in civic and economic affairs. It cannot afford to become either a narrow caste of highly skilled technicians or a free-for-all alumni association of engineering graduates. It will probably never be able to define its boundaries precisely, nor become exclusively a legal caste, nor fix a uniform code of educational qualifications. Its leaders will receive higher rewards and wider acclaim. The rank and file will probably multiply more rapidly than the elite, and rise in the economic scale to only a moderate degree.

The engineer's job will be so varied, and will change so fast, and his tools will so increase in variety and refinement with the advance of science, that no engineer can hope to get a one-and-for-all education in advance.

We should cease to think of education as a juvenile episode. We should expect to re-educate engineers either continuously or at intervals throughout their active careers. Once the needed means of after-college education are provided in ample degree the engineering colleges could broaden the scientific and humanistic bases of their curricula, cut down on early specialization, relieve over-crowded schedules, inspire independent work, and show the world the best balanced and best integrated of all modern disciplines.

Millions of individual, unrelated efforts will not add up to the future that invites our profession. This is no time for engineers to wrap themselves in the mantle of isolation; let us get together and be about our common business. From "The Second Mile" by the late Dr. W. E. Wickenden, President, Case Institute of Technology.

Player's Please

THE BIOLOGISTS...
...BECAUSE THEY'RE
Double-Fresh!
Cork Tip and Plain
REMEMBER—
Player's "MILD" NAVY CUT CIGARETTES
DO NOT STICK TO YOUR LIPS

PLAYER'S NAVY CUT CIGARETTES

PAUL BUNYAN

(A legend of his return to St. Eustache.)

He came, striding over the mountain, the moon slung on his back, like a pack, a great pine stuck on his shoulder swayed as he walked, as he talked to his blue ox

Babe; a huge, looming shadow of a man, clad in a mackinaw coat, his logger's shirt open at the throat and the great mane of hair matching, meeting the locks of night, the smoke from his cauldron pipe a cloud on the moon and his laugh rolled through the mountains like thunder on a summer night while the lightning of his smile split the heavens asunder.

His blue ox, Babe, pawed the ground till the earth trembled and shook and a high cliff toppled and fell; and Babe's bellow was fellow to the echo of Bunyan's laughter; and then with one step he was in the next valley dragging the moon after, the stars tangled, spangled in the branches of the great pine.

And as he left, he whistled in the dark like a far off train blowing for a crossing and plainly heard were the plodding grunts of Babe, the blue ox, trying to keep pace from hill to hill, and then, the sounds, fading, dying, were lost in the churn of night,—and all was still.

Arthur S. Bourinot, Reprinted from Canadian Poetry Magazine.

Kingston, Oct. 24 — (CUP) — The following item is reprinted in entirety from the classified section of the Queen's Journal.

FOUND. One pair of lace step-ins in Room 441, R.Y.H. Owner may recover by leaving phone number at Journal office.

Tailors to Gentlemen
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Letters to The Editor

DISSATISFIED OVER UNION PRICES

Editor, The Daily:

It is becoming increasingly clear that there is considerable dissatisfaction over the high prices of the Union cafeteria. In this connection, we of the student body feel that Mr. Crepeau should make public a clearer explanation as to the reason for advancing the prices, in view of the fact that most of the money spent has already been made available by the students themselves.

Downtown locations with high rentals are able to provide a good cup of coffee for five cents, yet the Union charges double that amount. A student who buys one cup of coffee per day is contributing 60 cents a week or in the neighbourhood of \$18 per college year for the privilege. Nine dollars of that is due to the advance, and therefore goes to the renovation cost. Other things follow the same pattern. The miniature tub of ice

cream is a masterpiece; From these examples it becomes evident that those responsible expect the bill to be footed by this year's exploited students. The Grillroom overhead is small compared to other commercial establishments being only the wages for hired help. As the Union presumably is run by the students, for the students on a non-profit basis we demand a return to the old order of prices.

J. S. Wood,
R. Wensley.

Yells Again

Editor, The Daily:

It is with regret that while attending the McGill Football Games and the post-game dances that students are imposed upon, by a group of irresponsible individuals, who persist in displaying an inferiority complex. This group, with the

great distaste of all around them, take great joy in giving out with a number of oaths incorporated in what is called the Dawson Yell. Re-action to this yell seems to be mixed. Few manage a laugh or smile, some are merely passive, while others are openly disgusted.

Granted that McGill is on the short side of having any original yells. If this is to be their calibre, let us have no cheers at all. One does not wish to antagonize. Granted that students are known for exuberant actions. Yet one sees no place for this Dawson Yell in our University which has lately managed to revive a winning spirit for a winning team. Let us concentrate on learning the new McGill Song. Let us forget something which can never inspire, but only offend.

Keith H. Eddy.

ENGINEERING ORGANIZATION

This being E.I.C. week at McGill it is timely to consider the organization of the engineering profession in Canada.

The Institute, founded by Royal charter in 1887, is the oldest organized body of the profession in Canada. It was formed to be primarily a technical society but, as engineers have extended their influence and their analytical processes of thought to much broader aspects of Canadian life, so the Institute has come to provide more and more activities and opportunities for personal as well as technical development of its members.

This is understandable when it is realized that probably 50 per cent or more of engineering graduates do not finally settle into the engineering specialty indicated by their degrees—and are not prepared therefore to choose a definite technical society affiliation until some years after graduation. It is also a fact that, as an engineer progresses upward in the ranks of any large industrial organization, demands on his technical abilities will

give way to the demands of management and executive responsibilities where personal qualities are vital.

In addition to the technical functions of the E.I.C. there are two other Dominion-wide Societies, the Canadian Institute of Mining and Metallurgy and the Chemical Institute of Canada which ably serve the industries and professional engineers in the fields of mining and metallurgy, chemistry and chemical engineering. Further, there are in Canada a number of active branches or sections of American engineering societies which deal with specific subdivisions of engineering work.

With aims distinct from those of the voluntary bodies just named, eight provincial associations of professional engineers have been created to deal with the licensing of engineers and the protection of the public from incompetent practitioners. In Quebec the provincial licensing body is the Corporation of Professional Engineers of the Province of Que-

bec. These licensing provisions have a parallel in the State Boards of Engineering Examiners of the United States. Strictly, the function of these licensing bodies is the appraisal of engineering qualifications to ensure the protection of the public and it has been argued that only engineers who have direct responsibilities to clients should be required to register. However, a majority of professional engineers seem to believe that the licensing movement has served its purposes effectively and, if it is beneficial to the profession, then it deserves the support of all practicing engineers.

In five provinces of Canada the E.I.C. has concluded working agreements with the licensing associations and in several cases these agreements are continuing and we may someday see complete uniformity of entrance requirements throughout Canada with voluntary society membership and legal registration one single process.

Intermediates Defeat Queen's for Third Straight Win

Sports Circuit

by Marcel Baltzan

Two-four-nine. These numbers will live long in the collective memories of the members of the McGill football team, and even longer in the memories of two players, George Valois and Ken Wagner. The reason? Two-four-nine is the play that set them free for long touchdown runs. Wagner used it to break away when he went for 48 yards against Toronto one week ago, and Valois capitalized on it last Saturday to run 83 yards and break the back of a highly spirited Queen's team.

People like to attach a lot of glamour to plays that produce these long touchdown runs. They like to think of them as highly complicated and original things, perfected by hours of practice on some hidden field. But such is not the case. Old two-four-nine is an extremely simple play, known to every football player who has even a nodding acquaintance with the T-formation. The play is so commonplace that both teams used it during the game, but it didn't produce equal recompense for Frank Tindall's Gaels.

This all goes to prove a truism long known to football coaches but generally unappreciated by spectators: the play isn't the thing. No matter how intricate the planning of a particular play it will not net any yards unless the blocking is good, and conversely a simple play will go a long way if the blocking is perfect.

In Valois' case, as in Wagner's the blocking was perfect. The McGill man-in-motion drew off one Gael, and Bob Marshall, McGill's left tackle came through with two crucial blocks that opened the hole in the Gael's line. He knocked out the Queen's tackle and bulled his way on to knock down a secondary defense man. Valois barged through the opening, and then instead of running wild to the left like he was supposed to spectacularly reversed his direction, jumped over Marshall and a prostrate Queen's man and headed for the sidelines.

From then on it was a straight sprint. Valois demonstrated that he packs as much speed as power in his running for he outdistanced half the Queen's backfield, including captain Ross McKelvie, one of the fastest men in the league.

GAEL'S GALLOP
Queen's teams for ages gone by have been nick-named the "Gallopers" Gael's. The past editions of Queen's football teams we've seen could never work up much more than a steady trot, but this year, Coach Frank Tindall has something different. He has three or four backs who can really gallop. Jack Sissins a new back he picked up this year has speed to burn, and coupled with that a deceptive gait that really throws the tacklers off course. Team Captain

Ross McKelvie has reached the climax of his long intercollegiate career. His 55 yard run back of Robillard's kick was a masterpiece of broken field running. Bryane completes the running trivium. Though on Saturday most of his efforts were confined to throwing many unsuccessful passes it is well known that he can run with the best of them.

This brings us around to one of the most talked about questions on the campus; what went wrong with the McGill line? Many reasons and excuses have been advanced, but before examining them one thing should be noted. The Big Red line held when it had to. Three times the Queen's backs moved the yard sticks to within the shadows of the McGill goal line and three times they were stopped dead in their tracks. Thus the Redmen maintained their record of being scored on only once as a result of plays emanating from inside their own ten yard line. This all goes to prove that the line could play good ball when it had to.

The so-called reasons for the below par performance of the McGill line seem to fall into four categories: (1) the field was slippery, (2) it was just a 'bad day', (3) the Queen's line was much better than either those of the Mustangs or Blues, (4) the Queen's backfielders were good. We can't come to a definite conclusion, but it seems that each one was a factor.

Western just keeps pounding along. Saturday they ruined the local bookmakers by beating Varsity 11-8. Again they failed to pile up a comfortable winning margin. They have yet to win a game by the clear advantage of one touchdown. So far, in their three games they won over McGill by two points, over Queen's by four and over Toronto by three.

As far as we can see at present habit is the only thing that keeps McGill's line winning. A definitely superior team doesn't eke out victories all the time. Unless Toronto or Queen's comes through and takes care of the Mustangs all signs point to the big game of the season being played the Saturday of the Armistice Day week-end in Montreal, between Western and McGill. If McGill manages to wind up in second place and beats the Mustangs in that game, or even in first place there will be a play-off for the intercollegiate championship. The locale of this game, if required, is not known yet.

CREIGHTON REFEREES FINE GAME
Hee Creighton, the man who created so much controversy with his handling of the Western-McGill game, turned in a fine performance Saturday. He was fair and impartial at all times. We question none of his decisions. We can pay him the supreme tribute to a referee: we didn't notice him on the field. (Continued on Page 4.)

Red Mermen Meet LaSalle This Season

Philadelphia, Oct. 23. — The LaSalle College swimming team will compete in 11 dual meets as well as the Eastern Inter-collegiate and the National Inter-collegiate, it was announced here today by J. J. Henry, LaSalle's athletic director.

Highlight of the dual meet portion of the Explorers' schedule will be a swing up through Canada, where they will meet McGill University at Montreal, Feb. 9, followed by a New England invasion, when they meet Amherst, Yale and Springfield, in that order.

Returning LaSalle lettermen include captain Joe Verdeur, Olympic and world's champion breast-stroker, and freestylers Farrell Devlin, Hank Furlong, Bob Regan, Allan Rhodes, Joe Staunton and Joe Sweeney, and breaststroker Chuck Garvey.

Backstroking chores will be handled by Bill Dorsch, sensational member of last year's freshman team, who was national Catholic schoolboy champion while competing for Roman Catholic High in Philadelphia two years ago.

Intermediate Track Meet Set Wednesday

The current track season is heading into its final stages. Barring the intercollegiate hurdle meet to be held in Toronto early November, the final track event of the season is scheduled for next Wednesday at Molson Stadium. This finale will be the intermediate intercollegiate meet.

Coach Van Wagner's Redmen are the defending champions and are heavy favorites to retain the championship. He has a star-studded line-up to do battle with the six or seven other colleges competing in the meet.

Hank Silwka, a triple winner in last week's intramural meet leads the squad. Silwka won the pole vault, low hurdles and discus. In coping these three events he hung up two new records. Haskell Blauer, a star football back, will handle the 220-yard run chores. He won the intramural race wearing a cast on one hand.

Another potential winner in the Red camp is Rudd. He was a double winner in the faculty event, taking both the broad jump and 100-yard dash. Coller, an Engineering student and another double winner in the faculty meet, is also with the team. He captured both the half- and quarter-mile races in that meet.

Collin Cranham's Green and Gold tracksters from Macdonald College are reputed to be the chief threat to McGill's dominance. The St. Anne's boys were runners-up last year and apparently are just as strong this year.

Red Rugger Fifteen Wins First MacTier Cup Game

The McGill rugger 15 won a closely contested match last Saturday when they beat the Westmount 5-0 in their first game of the MacTier Cup play-offs for the rugger championship of Eastern Canada. With their first

opponent taken care of, the Red team will go on to play Macdonald College next Saturday.

Last Saturday's game opened with a McGill offensive which threatened but did not succeed in getting past the Westmount line. Westmount then retaliated with an offensive play with their forwards getting the ball out to the backs for some short three-quarter runs. Gordon MacPherson succeeded in breaking up these attacks when they got close to the McGill line by a fine display of tackling and short kicks. In general, the play in the first half was fairly evenly matched with several well placed kicks by Westmount's stand-off half, Tony Beck, repeatedly sending McGill back into their own half of the field.

In the second half, McGill's backs got away to more runs than in the first, though not gathering enough speed for any long gains. Westmount managed to push through several of the line outs, but most of these attempts were repulsed by quick kicks over the opponents' heads by MacPherson and Floyer and some spirited breaking through by Jim Prentice. McGill's scrum-half, As the second half drew to a close McGill was constantly pressing the enemy line. This provided the opportunity for a score by Rolly Scott at the end of a fast run close to the side line and across behind the enemy's line. A difficult kick was converted by Ken Scott to make the score 5-0 for McGill. The last few minutes of the game saw no further scoring and so the match ended in a victory for McGill.

Observers commented that the Red side showed a marked improvement since the game against U of T on the 14th. This was probably due to an improvement in the condition of the players and further training together. Although the game was loose and ragged at times McGill's quality of play was better and showed the possibility of greater things yet to come. Forward play was aggressive with Morgan, Bishop and Glen in the van, while, particularly toward the end of the game, some good three-line runs got under way.

Dawson Starts Season Tonight

Word has it that Dawson is going to have a strong contender for the title of the St. Lawrence-Ottawa Conference Basketball League. The team, which has been practising daily since the start of the school term, is being coached by two of the stars of last year's Dawson Senior M.B.L. entry, Pat Ross-Ross, and Bruce Yamashita.

The Nickolaides brothers, Jack and George, will be used as the nucleus around which the team will be built. Before coming to Dawson last year, these boys played a great deal of basketball in their native land of Greece. Jack travelled to England to play with the Greek Olympic team, which accounted so well for itself at the Games. In starting to play for Dawson, they found themselves in somewhat strange surroundings. It was the first time that either of them had played on an indoor court or on a wooden floor.

The Dawson Hoopsters will play their first game of the season tonight against the Grenadier Guards of the Senior M.B.L. at 8.30 in Arlick's Emporium. This exhibition tilt will give the coaches an opportunity to size up the material they have at hand and will give the new hands some experience against a well-organized squad.

SPORTS MENU

MIXED BADMINTON
All nine courts at the Currie Gym are available for mixed badminton Tuesdays and Thursdays evening from 7.30 to 10.30 p.m. All men and women students are welcome. Birds may be bought at the gym.

INTERMEDIATE TRACK
Will the following turn out today for the last practice before the meet on Wednesday: Kline, Taylor, Headley, Delory, Serbinoff, Gilmour, Harrington, Jardine, Hyde, Silwka, Errington, Pearl, Chomay, Ramsay, Mathews, Laffoley, Edwards, Bourdon, Miller, Coffee Fisher Donnell.

BOULDER
In order to make arrangements with the Pines Bowling Academy for alleys, Faculties interested in entering teams should contact the Intramural Office now.

TOUCH FOOTBALL SCHEDULE
Mon., Oct. 24, 5 p.m.—Med. 1 vs. Com. 1 and 2 at Middle Field; 1 p.m.—Phys. Ed 3 vs. Divinity at Stadium; Tuesday—5 p.m.—Dents 1 and 2 vs. Phys. Ed. 4 at Middle Field.

SOFTBALL SCHEDULE
Mon., 1 p.m.—Law 1 vs. Arch.

TEAM ENTRIES
Faculties planning to enter teams in Floor Hockey, Basketball, Bowling and Volleyball should do so now. Team entries must be turned in to the Intramural Office not later than Nov. 7. Entries will not be accepted after this date.

SOCER
All are invited to attend the Soccer practice today at 4.30 in the Upper Field.

TENNIS
All girls in the Tennis quarter-finals are asked to have their games played today in order that the semi-finals may be played on Tuesday and the final winner declared on Wednesday. Today's matches will consist of June Devaux vs. Alice Stewart; Lila Caner vs. Marg. Davidson; Diana Sutherland vs. Shirley Ellicott; Gay Elkington defeated Audrey Sephton to gain a place in the semi-finals. (Continued on Page 4.)

McGill Robin-Hoods Absorbed Drubbing

Ontario Agricultural College, a new entry into the intercollegiate Archery, won the tournament by amassing a score of 1355 points. The top three scorers of the meet shot for O.A.C.; the top archer scoring 368 while the next two were tied with 358 each.

Following O.A.C. came MacMaster, with Queens in third position, McGill fourth, Toronto fifth, and Western sixth.

Shirley Courtis, top scorer for the "Red Team" was accompanied by teammates Dorothy Spowart, Phyllis Boboyck, Lenore Griffin, and manager Betty Watt, who took sick during the tournament and was forced to leave.

Victory at Kingston Gives Indians First Place in New Loop

By LEN WISSE

Like the proverbial Old Man River, the McGill Indians just keep rolling along and in Kingston on Saturday afternoon they continued their winning ways as they defeated the tough Queen's Comets 17-12 at Richardson Stadium.

The win was the third in three games for the Inter and marked too the first time this season they have been scored upon. In addition the victory vaulted the locals into sole possession of first place ahead of Bishop's who were swamped 56-1 by Ottawa U. in Ottawa. Before Saturday's game, the Indians were tied with Bishop's for top spot in the Ottawa-St. Lawrence loop.

The game was the battle of a ground attack for the Red and White against the Comets' aerial offensive. The Tricolor could get nowhere against the powerful McGill front wall and therefore relied on passes as their main weapon. Consequently, both the Queens majors were scored via the aerial route.

STRONG LINE
On the other hand, the Indians boasting the strongest line seen on an intermediate team in many a moon, and possessed of deceptive runners as well as hard driving plungers cut gaping holes in the Tricolor ranks to rack up 15 first downs along the ground.

The game started with the action centring around midfield until from his own 53, the Comets' Don Griffin, who played an outstanding game for the home team, skirted his right end for 34 yards to put the ball on the Indian 23. Chuck Ramsden then went around left end for 15. At this point the Reds stopped the Gaels' march on the 12 but a bad McGill snap gave the Tricolor possession on the Indian 5. Puro tossed to McKelvey for the touchdown but the convert was blocked. This put the Comets ahead 5-0.

Late in the quarter however the locals started to roll. From centre field Ross "Tom McBride" went for 9 through the line, Jeff Crain made a first down. Dawson Tilley bucked for 4 and then on the next play made 24 yards through centre. Pete Lafond then reached paydirt from 15 yards out. McBride added the extra point to put the Indians out in front 6-5.

The Red and White roared further into the lead in the second quarter on another great drive from the 55. George Klein ran a Queen's kick back 15 yards from centre field to give McGill possession on the Gael 40. Hank Silwka drove over centre for 20 yards. He then plunged for another 7 on the next play and George Klein took one of Crain's smooth hand-offs for a first down. From the 15, Silwka against bucked for 7 and George Klein went over for the TD from the 8-yard line. The convert was missed but the Indians were out in front 11-5. Shortly after this, the locals lost the services of Dave "Baldy" Tomlinson who injured his side.

Shortly before the intermission

Statistics Prove Driving Red Machine Biggest Threat in Collegiate League

By defeating Queen's tricolors on Saturday the McGill Redmen moved into undisputed second place in hot pursuit of the league leading Metras lads. McGill now has the edge by two points over the Varsity squad and Queens who has not won an inter-collegiate game this season trails the league. If statistics can be relied upon our boys are the team of the year. In the three games played they have scored the most number of points and have had the least number scored on them. Toronto has scored two points more than Western, however twenty three more points have

LEAGUE STANDING

	W.	L.	F.	A. Pts
Western	3	0	41	31
McGill	2	1	51	28
Toronto	1	2	43	54
Queens	0	3	33	55

LOST

A gold watch was lost on Wednesday at the East Tennis Courts, or near the Roddick Gates. The finder is asked to leave it at the Union Tuck Shop, or with the janitor at the Arts Building.



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Femme-Fare

By PEGGY KNOWLES

Highlight of last week's events was the initiation of R.V.C.'s freshmen into the mysteries of resident life. To the sophomores goes the honor for the undertaking, and their ingenious ideas seem to indicate that they were well qualified for the job. Not only were the poor Freshettes confined to barracks for three nights, but each day a new set of regulations and instructions was posted for them to carry out—and woe betide those who didn't. Callisthenics, making the sophomores' beds, wearing long tails, and pulling a child's toy around after them, were only a few of the many ceremonies instituted.

The Freshettes were also forced to wear huge signs bearing pertinent information concerning themselves. At any time that a sophomore chose to yell "Flood" (and the occasions were frequent) all the unfortunate underlings who happened to be in the vicinity had to immediately fling themselves prone and start swimming madly.

Last Tuesday night the ceremonies culminated in a penalty-paying session. We are given to understand that one miscreant was commanded to give a ten minute speech no less, on the subject of a young lady's deportment. Six other incorrigibles were made to stick their heads in a bowl of flour and bring up a penny from the bottom.



Paul Kearney, men's wear salesman in Kingston, Ont., changed to Pepsi-Cola because, he says, "Pepsi really satisfies my thirst, doesn't just tease it." That's important. When you take time out for refreshment, you want something that really hits the spot! Take home a carton today—6 big, big 12-oz. bottles for only 30¢.



Teen-agers, too, are changing to Pepsi-Cola. Margot Rudland, Toronto student, says, "My friends and I changed to Pepsi-Cola for its better flavour and bigger value." And that's true of the handy new quick-drink size Pepsi, too, Margot. You get more for your money—costs only 5¢. Try Pepsi in the new 8-ounce bottle today. You'll find it at your nearest cooler.

More and more people are changing to PEPSI-COLA for Finer Flavour and Better Value



A feature of the night's fun was the skit put on by the Frosh for their seniors' amusement on the recent laudable achievements of McGill's Redmen.

The ensuing pyjama party was thoroughly enjoyed by all to judge by the time at which it broke up.

Kayo Little has called for a round-table conference of all clubs and society presidents to be held next Wednesday at 1 p.m. in the Women's Union office. They are asked to submit a report of last year's activities and this year's budget. If unable to attend in person, would the presidents please send a representative, so that plans for the year may be made. For the benefit of everyone concerned the clubs and societies sponsored by the Women's Union include the Red Wings, the Women's Science Club, the R.V.C. Historical Society, the Women's Medical Society, the Art and Social Service Committee, and the Physiotherapy and Graduate Nurses' Societies.

A notice of importance to all coeds—the semi-annual meeting of the Women's Union will be held on Monday, October 31, at 5 p.m. This is your chance to show your support of women's affairs and voice your opinions. You might like to know that tea will be served prior to the meeting.

"Till next week, same time, same place, etc., adieu.

McGill Bedmen—P. 1

form, and outran the rest of the Queen's squad in as fine a display of running as we have ever seen. Proof positive of depths to which the big Red line sank was given when a few moments later after Irving had gone over for the Tribe's third major, the line gave way and Robillard's attempted convert was blocked.

Still the line must be given credit for their great performances when the chips were down and the team was playing with their backs to the wall. Then they played magnificently and Queen's were halted whenever they came within striking distance of the McGill goal. One might say that the line played in and out ball during the game, but they were definitely far below the standards they showed against Western and Varsity.

Indeed, had it not been for the unfavorable conditions, the Gaels go best on a dry fast field, the Redmen might not have got away so easily. As it was they had by no means an easy time of it. Valois and Terry Rogers were about the best men on the field for McGill. Shortly Fairhead played well in his capable style, and Robillard handled the kicking chores in fine fashion.

Outstanding for the Gaels were Dave Bryane and Ross McKelvey. Sisson and Roberts also showed to good advantage for the visitors. A nod also to the Golden line which played some fine football in the muddy Molson Beer Bowl.

First Half
Queens kicked off to open the game. McGill fumbled into touch and lost ten yards. Two plays with Valois carrying went nowhere and Robillard kicked for forty yards. With first and ten Bryane tossed a forward that Irving intercepted. The Redmen went for three first downs in a row, Irving, Valois and Rogers carrying. The attack bogged down and with three and three to go Irving elected to send Valois around end. He didn't make it and Queen's took over, first and ten.

A buck failed and with two and ten Bryane threw and Valois intercepted. McGill's first and ten on the Gaels thirty-two. An offside penalty against Queen's gave McGill first and ten on the twenty. Valois went through the line for four and then off tackle for fourteen and a first on the two. He took it over from there. Rocky's convert was wide. Score, Redmen six, Gaels nothing.

McGill received and Irving ran it back for twenty-five. Valois went around the end for eleven and a first. Two more plays went nowhere and on the kick formation Rock fumbled, recovered but failed to make yards. Queen's first and ten. Sisson went for yards but the Gaels couldn't get going and McKelvey kicked.

With McGill two and seven, a punt formation was called and Robillard kicked sixty yards. McKelvey received and ran it back for sixty-five on a beautiful run, gaining five yards in the play. With third and four inside the McGill ten Bryane tried a pass, it was incomplete.

McGill first and ten on their twenty-five. The Red and White made yards once but a ten yard holding penalty set them back and they kicked. Queens were stopped and kicked, for a rouge.

McGill then made four straight first downs but the Gaels' front wall finally stiffened to hold them. Robillard kicked a single. Score,

McGill six, Queens one.

The Gaels in their turn went for three first downs and Hackett who received the kick fumbled. Queen's recovered. They then went for yards with the help of an offside penalty to McGill. They then lost the ball on downs and McGill took over for one play to end the half. Score at end of first half McGill six, Queens one.

Second Half
Queens again kicked off and McGill again lost ten yards. This time for illegal interference. After an exchange of kicks the stage was set for Valois' run. It was made good by Rocky. Score McGill twelve, Queens one.

After Rocky's kick-off and a ten yard penalty against them for interference, Bryane again threw a pass. Fairhead intercepted this one, and McGill marched forty-one yards to a major score mainly on the running of Hackett and Robinson. They picked up two first downs. Irving carried it over. The convert was blocked. Score McGill seventeen, Queens one.

The remainder of the contest found Queens in possession most of the time. However two intercepted passes and an incomplete forward on third down helped keep the Gaels from the scoring column. The Gaels also tried to make yards on the ground on two other occasions but the big Red front wall stiffened when it had to and held.

Final Score: Queens 1, McGill 17.

Physicists—P. 1

and one modulator, priced at \$8,000.

New Apparatus

It is impossible to say if the National Research Council will help finance the work, Dr. Dearle said. He did have hope that an aid for the research work would come from equipment being constructed this year by a graduate student in physics from Newfoundland, Walter Searle. He is building a medical type travelling wave tube, which acts as a micro-wave amplifier, and may be used with the other apparatus. "There is some prospects of its being completed this year," Dr. Dearle said.

Ex-Radar Officer

Dr. Brannen graduated in mathematics and physics from the University of Toronto in 1944, after which he was sent overseas by the navy as a radar officer where he worked in radar development. He returned to Toronto for his M.A. in applied mathematics in 1946 and received his Ph.D. in nuclear physics at McGill two years later. After further mathematics study at Toronto, he came here in July of this year.

Western Wins—P. 1

out in front by taking their game with the Gaels in Kingston. Smart money in the Queen City was riding with the Blues to take Western and someone must have lost his rent.

Sportsmen—P. 3

BASKETBALL
The first practice of the season is slated for this Tuesday from 3-5 p.m. in the Currie Gym. All those who wish to play basketball, either inter-collegiate or inter-mural should turn out and bring a copy of their lecture timetable. A practice is also scheduled for Thursday, 7-9 p.m.

LEADERSHIP COURSE
The Recreation Leadership course, given by the Women's Physical Education Department will commence today at 4 p.m. in R.V.C.

Highlights—P. 3

he has played a lot of fine football in the league over the period of the last three or four years.

There was no joy in the McGill dressing room... the boys were happy that they had won the game but were displeased with their play... they realized that

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COMING EVENTS

E.I.C. PROGRAM

The program of events to be held by the Junior Section of the Montreal branch of The Engineering Institute of Canada during the first term are as follows:

November 4 — Annual dance — Ritz Carlton Hotel.

November 7 — Developments in Labrador — speaker to be announced.

November 21 — The National Research Council — speaker to be announced.

December 2 — Oyster party.

December 12 — Film night.

MONTEREGIAN UNDER-GRADUATE GEOLOGY CLUB

Dr. F. W. Jolliffe will speak on the topic "Ore Discoveries in The Far North" on Thursday, October 27, at 8.00 p.m. in the Union Cafeteria. Refreshments will be served. There is no admission.

RED AND WHITE REVUE

There will be a meeting of script writers in the New Room of the Union on Monday, October 24, at 8.00 p.m.

CAMERA CLUB

The opening meeting of the McGill Camera Club will be held in the Union on Wednesday evening at 8.30 p.m. At this meeting a talk on processing will be offered for beginners, and plans for the year will be discussed. There will also be a tour of the Club's darkroom in the basement of the Union. The club is open to anyone interested in photography. For those members who do not own cameras, the club has three cameras that can be borrowed, and is planning to buy half a dozen more for the present session.

MODEL PARLIAMENTS

Representatives from all Political Clubs are requested to attend a meeting of the Model Parliament Steering Committee in the Union Workshop (Bottom Floor) at 1 p.m. tomorrow (Tuesday). Plans for this year's Parliaments will be discussed and there will be preliminary discussion on the first parliament to sit in the near future. Will any clubs unable to send a representative please leave a note to that effect at the Union Tuck Shop addressed to David Floyer.

they made a few mistakes and resolved to correct them... there is no need to worry about this year's team becoming too over-confident... they will be preparing as hard for next week's Queen's game as they would if Mustangs were their opponents.

The crowd was good considering the conditions... the cheering on the part of McGill students when it was announced that Lenard would be missing from the line-up was uncalled for... it is much better to beat a team at full-strength than a crippled one... MAB.

Technical—P. 2

compile bibliographies, search the literature, obtain technical books or subscriptions at member rates to the journals of British and American engineering societies. The employment department, staffed by three full-time employees, has helped hundreds of engineers and employers of engineers, and is prepared to help McGill engineers to find summer jobs or permanent work after graduation.

The Engineering Journal, the official publication of the Institute,

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carries professional news and information in several editorial departments. Its technical material is supplemented by the publication of specialized technical papers separately, for distribution to engineers directly interested in particular branches of the profession. Thirty-one branches from St. John's, Nfld., to Victoria, B.C., ensure that an engineer can take an active part in institute affairs in any location in Canada.

Through its support of the Engineers' Council for Professional Development and the Conference of Commonwealth Engineering Societies, the Institute keeps in close touch with the major American and British Empire engineering societies, and the trends of professional thought and action in those countries. It has negotiated co-operative agreements with five of the eight provincial engineering licensing bodies and four of these agreements cover the provision of joint membership with a single annual fee.

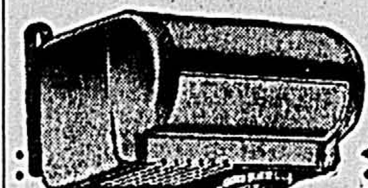
The professional committee of the Engineering Undergraduate Society, a group who are themselves thoroughly convinced that the Institute merits the support of every Canadian engineer, will welcome the opportunity to pass on these convictions to other engineers on this campus.

Engineering—P. 1

necessary.

A committee of society affairs was formed; its report proposed a revision of the by-laws and recommended that the name of the Society be changed to "The Engineering Institute of Canada" as being more

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expressive of the functions which the organization was performing. This revision was approved, and by Dominion Act of April 15th, 1918, the Canadian Society of Civil Engineers became "The Engineering Institute of Canada."

Under its new charter, the national organization of the profession was further developed. A permanent secretariat was provided, and, in 1918, the Journal of the Institute was established.

The First Professional Meeting of the Institute was held in Toronto on March 26th-28th, 1918. Mr. H. H. Vaughan, in his presidential message, pointed out that "The change in name implies the attempt to unite all engineers in Canada, to whatever branch of the profession they may belong, into one society."



"EXPORT"
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Tickets—P. 1

Tickets for transportation to Kingston will go on sale later in the week; cost \$7.00 for the return trip. Chartered buses are scheduled to leave Montreal from the Roddick Gates, 8.30 a.m., Saturday. The return of the buses will accommodate those attending the probable parties and dances.

It was decided that buses would be chartered because there are no trains leaving for Kingston Saturday morning in time for the game. All students planning to make the excursion to Queen's are asked

to watch The Daily for further announcements.

LOST
a clip board and Latin book in Women's rest room in Sir Arthur Currie Gym after last Saturday's Tea Dance. Finder please call Mavis Lipman, CR. 2881.

FOUND
Will student who left the thesis "An Experiment in Bailey Bridge" with Miss Eccles, kindly call for same at her office.

HEALTH,
too, may be hard to hold



Have you found Health as elusive as... as a greased pig? Are you limping along on a not-quite-sick-enough-to-be-in-bed basis? Well, then, you need help. And there's every reason why you should have it. Go to see

your doctor right away. Let him bring to your aid the new techniques and medicines of our modern age. Follow his counsel, too, by bringing prescriptions to this professional pharmacy. You are assured of skilled service, fresh potent drugs and prices that are right.



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NOTICE

All clubs, societies and organizations on the campus will please submit a list of their major dates to the Secretary of the Students' Society, McGill Union, for their various functions for the session. Application forms for new dates may be filled in at the office of the Students' Council, McGill Union.

All such applications for dates will be considered by the Dates Committee, which meets once a week under the chairmanship of Boris Gardavsky.

R. A. SHACKELL,
Secretary.

THE BOOK EXCHANGE

WILL BE OPEN

Tues., Oct. 25 to Fri., Oct. 28, inclusive
From 11.30 A.M. to 1.30 P.M.

To SELL, RECEIVE and RETURN Used Text Books

The Book Exchange Is Located in the Basement of the Union

FOURTH YEAR SCIENCE STUDENTS

Your pictures for the Annual will be taken at Van Dyck Studio, 1435 Drummond Street, from 9 a.m. to 6 p.m. on the following days:

NAMES A - M... MONDAY, OCTOBER 24
NAMES A - M... TUESDAY, OCTOBER 25
NAMES A - M... WEDNESDAY, OCTOBER 26
NAMES N - Z... THURSDAY, OCTOBER 27
NAMES N - Z... FRIDAY, OCTOBER 28

Men please wear white shirts and women white collared blouses. A charge of \$3.50 for the portrait must be paid at time of sitting. Proofs of all photos should be returned within four (4) days.